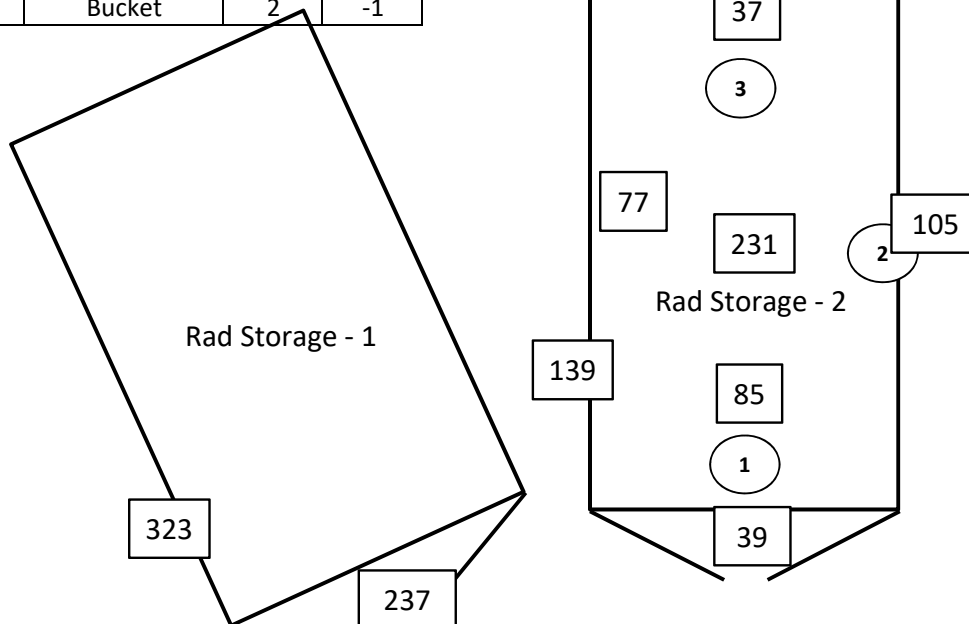


# Shiloh Church Road Radiological Survey

Date: 10/9/19 Area: Rad Storage Area

Smear	Description	$\alpha$ (dpm)	$\beta$ (dpm)
1	Floor	4	0
2	Wall	4	-5
3	Bucket	2	-1



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LEGEND:



: Smear



: Exposure Rate ( $\mu$ R/hour)

----- : Rad Rope



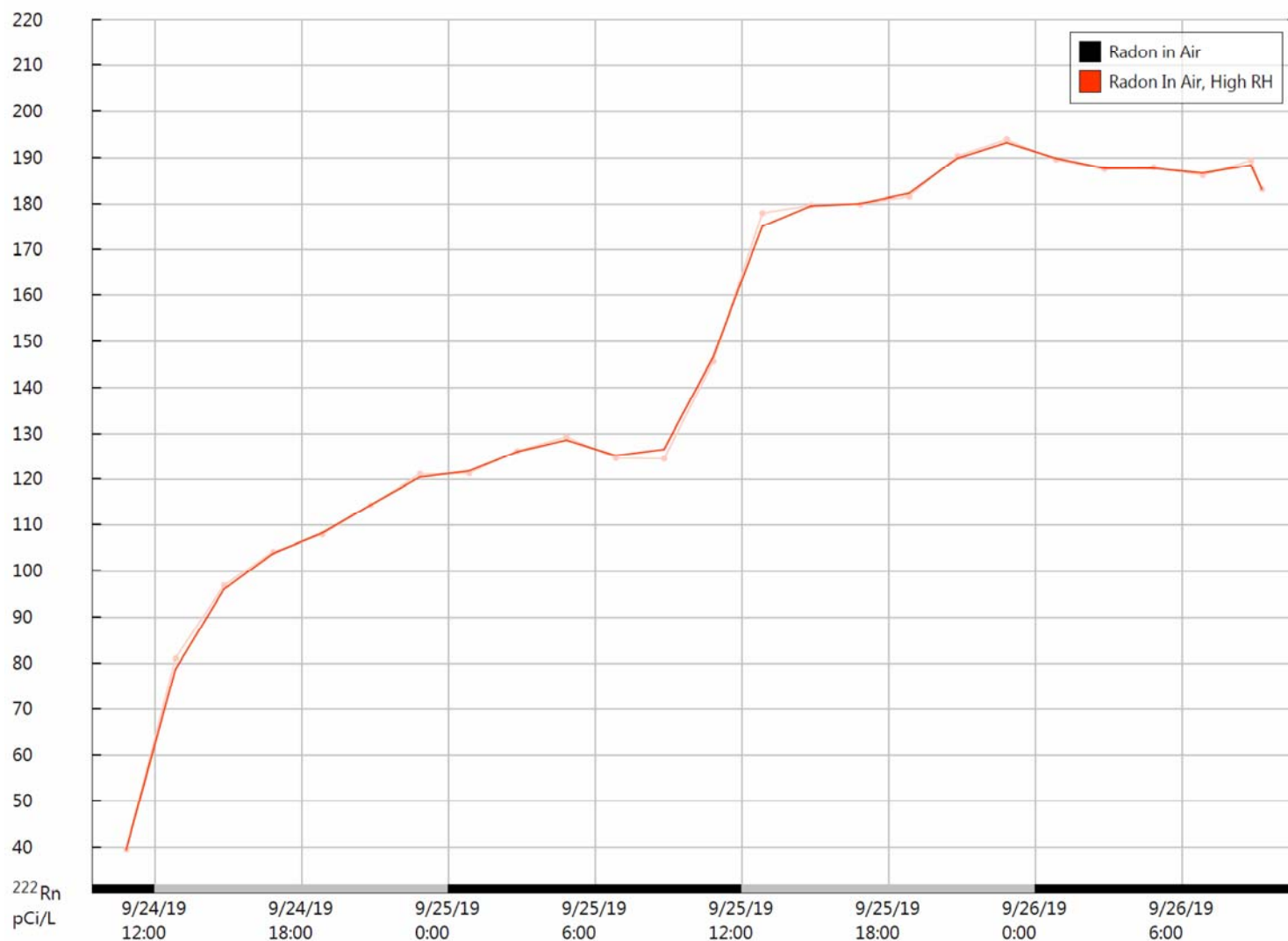
Surveyed by: [redacted] /

Date: 10/9/19

Reviewed by: [redacted]

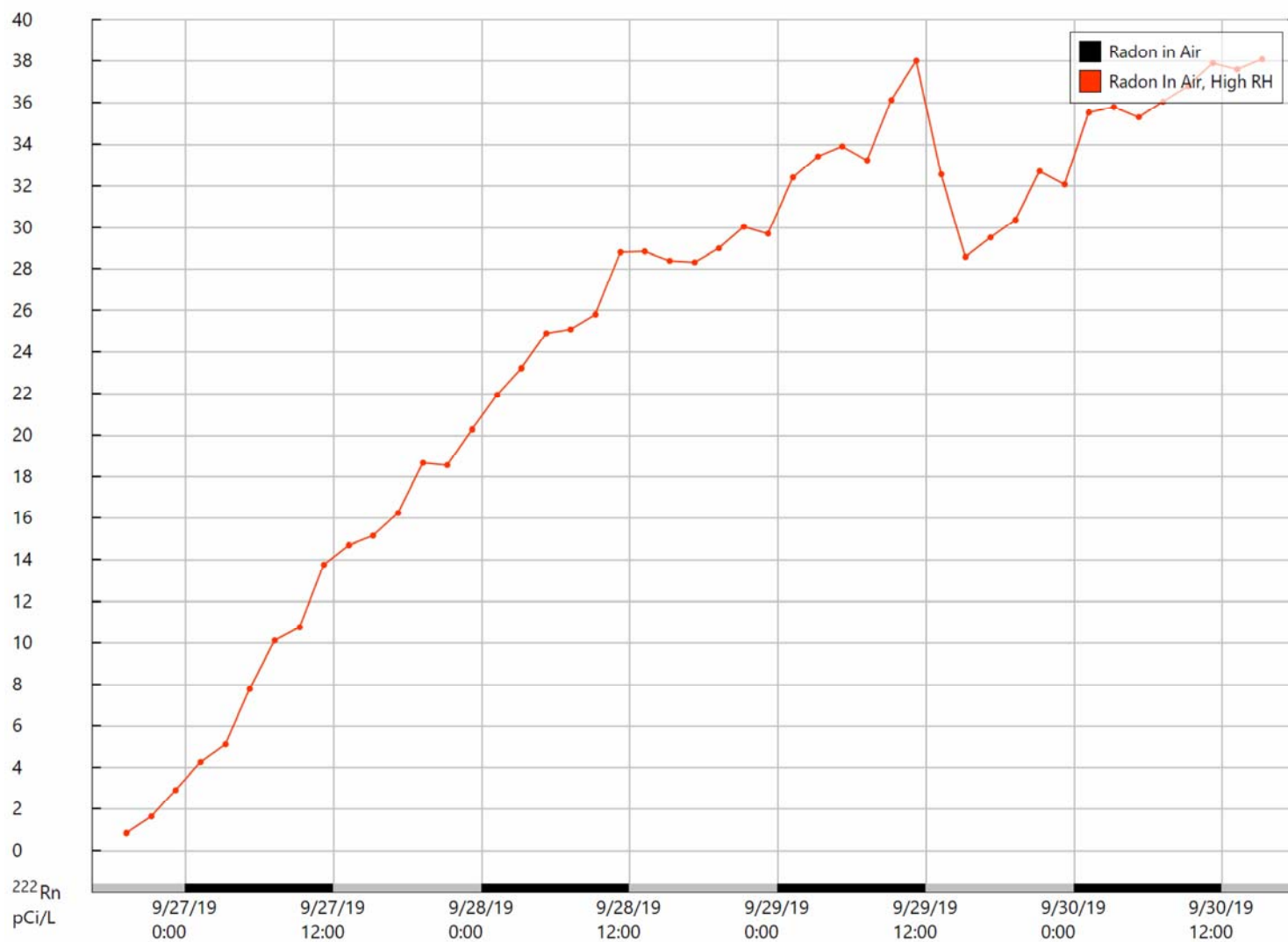
Date: 10/10/19

Comments: Exterior exposure rates collected with doors closed. All readings collected from about 2 feet above ground. Smears were analyzed same day as collection. Background at front gate reading of 10  $\mu$ R/hour. Radon monitoring was conducted in both conex boxes while closed, graphed results are attached. Rad Storage - 1 stabilized at approximately 200 pCi/L, which Rad Storage-2 stabilized at approximately 37 pCi/L. Both storage conexes are posted as Radioactive Materials Areas and Airborne Radioactivity Areas.



## RAD7 0516 2019-09-26.r7cdt: Graph Statistics

Avg. Radon In Air:	146.35 ± 0.75 pCi/L
Selection Slope:	+62.2 (pCi/L)/Day
Avg. RH:	52.5%
Avg. Air Temp:	81.5°F
Avg. Leakage Current:	1.36
Avg. Pump Current:	35 mA (When Active)
Avg. C/A Count Ratio:	1.06:1
Num. Data Pts:	25 (Tests 1 to 25)
Time Range:	9/24/2019 8:50 AM [Estimated] to 9/26/2019 9:16 AM
Time Duration:	2 Days, 1 Hr., 13 Min.



## RAD7 0516 2019-10-01.r7cdt: Graph Statistics

Avg. Radon In Air:	24.86 ± 0.22 pCi/L
Avg. RH:	54.6%
Avg. Air Temp:	84.5°F
Avg. Leakage Current:	1.13
Avg. Pump Current:	33 mA (When Active)
Avg. C/A Count Ratio:	1.04:1
Num. Data Pts:	47 (Tests 1 to 47)
Time Range:	9/26/2019 5:12 PM [Estimated] to 9/30/2019 3:12 PM
Time Duration:	4 Days, 1 Hr., 31 Min.